

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 7

Complete if Known

Application Number	10/783,603
Filing Date	February 19, 2004
First Named Inventor	Robert E. Grove
Art Unit	3739
Examiner Name	David M. Shay
Attorney Docket Number	2502187-991200

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/d.m.s./		US-4,232,678	11-11-1980	Skovajsa	
/d.m.s./		US-4,551,628	11-05-1980	Grossman	
/d.m.s./		US-4,592,353	06-03-1986	Daikuzono	
/d.m.s./		US-4,690,141	09-01-1987	Castel	
/d.m.s./		US-5,057,104	10-15-1991	Chess	
/d.m.s./		US-5,059,192	10-22-1991	Zalas	
/d.m.s./		US-5,075,971	12-31-1991	McCambridge	
/d.m.s./		US-5,109,465	04-28-1992	Klopolek	
/d.m.s./		US-5,401,270	03-28-1995	Mueller	
/d.m.s./		US-5,405,368	04-11-1995	Eckhouse	
/d.m.s./		US-5,431,647	07-11-1995	Purcell, Jr.	
/d.m.s./		US-5,486,172	01-23-1996	Chess	
/d.m.s./		US-5,700,240	12-23-1997	Barwick, Jr.	
/d.m.s./		US-5,728,090	03-17-1998	Martin	
/d.m.s./		US-5,743,901	04-28-1998	Grove	
/d.m.s./		US-5,820,625	10-13-1998	Izawa	
/d.m.s./		US-5,824,023	10-20-1998	Anderson	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Number Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	*6
/d.m.s./		FR 2 665 366	02-07-1992	Rameil		
/d.m.s./		DE 196 29 978 A1	01-29-1998	Renner		
/d.m.s./		EP 0 933 096 A2	08-04-1999	Wynne		
/d.m.s./		JP11-244295	09-14-1999	Hirosuke		
/d.m.s./		JP2000 300683	10-31-2000	Shimoji		
/d.m.s./		EP 1 116 476 A2	07-18-2001	Conn		
/d.m.s./		CN 2442726U	08-15-2001	Jianping		
/d.m.s./		EP 1 168 535 A1	01-02-2002	Shimonaka		

Examiner Signature	/david shay/	Date Considered	June 14, 2005
--------------------	--------------	-----------------	---------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U. S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/d.m.s./		US-5,871,521	02-16-1999	Kaneda	
/d.m.s./		US-5,885,273	03-23-1999	Eckhouse	
/d.m.s./		US-6,059,765	05-09-2000	Cole	
/d.m.s./		US-6,096,029	08-01-2000	O'Donnell, Jr.	
/d.m.s./		US-6,138,041	10-24-2000	Yahia	
/d.m.s./		US-6,160,831 B1	01-02-2001	Khan	
/d.m.s./		US-6,188,495 B1	02-13-2001	Inoue	
/d.m.s./		US-6,197,020 B1	03-06-2000	O'Donnell, Jr.	
/d.m.s./		US-6,228,074 B1	05-18-2001	Almeida	
/d.m.s./		US-6,273,884 B1	08-14-2001	Altshuler	
/d.m.s./		US-6,277,111 B1	08-21-2001	Clement	
/d.m.s./		US-6,280,438 B1	08-28-2001	Eckhouse	
/d.m.s./		US-6,290,713 B1	09-18-2001	Russell	
/d.m.s./		US-6,440,122 B1	08-27-2002	Shimoji	
/d.m.s./		US-6,441,943 B1	08-27-2002	Roberts	
/d.m.s./		US-6,508,813 B1	01-21-2003	Altshuler	
/d.m.s./		US-6,511,475 B1	01-28-2003	Altshuler	

[illegible]

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, US Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Complete if Known

Application Number	10/783,603
Filing Date	February 19, 2004
First Named Inventor	Robert E. Grove
Art Unit	3739
Examiner Name	David M. Shay
Attorney Docket Number	2502187-991200

(Use as many sheets as necessary)

Sheet	3	of	7
-------	---	----	---

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/d.m.s./		US-6,514,242 B1	02-04-2003	Vasily	
/d.m.s./		US-6,516,013 B1	02-04-2003	Patzel	
/d.m.s./		US-6,517,532 B1	02-11-2003	Altshuler	
/d.m.s./		US-6,533,775 B1	03-18-2003	Bizoui	
/d.m.s./		US-6,548,781 B1	04-15-2003	Brunwinkel	
/d.m.s./		US-6,563,853 B2	05-13-2003	Heist	
/d.m.s./		US-6,641,044 B2	11-04-2003	Plesko	
/d.m.s./		US-6,666,856 B2	12-23-2003	Connors et al.	
/d.m.s./		US-2002/0005475 A1	01-17-2002	Zenzie	
/d.m.s./		US-2002/0015430 A1	02-07-2002	Osmanow	
/d.m.s./		US-2002/0031160 A1	03-14-2002	Desor	
/d.m.s./		US-2002/0091377 A1	07-11-2002	Anderson	
/d.m.s./		US-2002/0097587 A1	07-25-2002	Krietzman	
/d.m.s./		US-2002/0128635 A1	09-12-2002	Altshuler	
/d.m.s./		US-2003/0004499 A1	01-02-2003	McDaniel	
/d.m.s./		US-2003/0032950 A1	02-13-2003	Altshuler	
/d.m.s./		US-2003/0046825 A1	03-13-2003	Slingo	

[illegible]

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language

SF3101785.1
2502187-991200

Complete if Known

Application Number	10/783,603
Filing Date	February 19, 2004
First Named Inventor	Robert E. Grove
Art Unit	3739
Examiner Name	David M. Shay
Attorney Docket Number	2502187-991200

(Use as many sheets as necessary)

Sheet	4
-------	---

of

7

[illegible][illegible]

/david shay/

Date Considered

June 14, 2005

This collection of information is required for 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/783,603
		Filing Date	February 19, 2004
		First Named Inventor	Robert E. Grove
		Art Unit	3739
		Examiner Name	David M. Shay
		Attorney Docket Number	2502187-991200
Sheet	5	of	7

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/d.m.s./		DAVID SLINNEY et al., Safety with Lasers and Other Optical Sources, A Comprehensive Handbook, Plenum Press (1980) pp. 223, 224, 477-480	
/d.m.s./		HODE, L, "Are lasers more dangerous than IPL Instruments?" Lasers in Surgery and Medicine, Supplement 15, 2003, p.6;	
/d.m.s./		Harnessing Light to Treat Stretch Marks and Other Hypopigmented Scars, Skin & Racing, Supplement to November 2002, pages 1-4.	
		Predictor Devices: LightSheer Diode Laser System by Star Medical/Coherent Star in 1997, K073924, K082040, K094746 no copy	
		Predictor Devices: OLP 1000 (LO 100) Diode Laser of Palomar Medical Technologies, K010500, K011747 no date	
		Predictor Devices: Apex 000 Pulsed Diode Laser of INDEX Corporation, K020049 no date	
		Predictor Devices: F4 Pulsed Diode Laser of Opus Medical, Inc., K030233 no date	
/d.m.s./		IEC Technical Report 60825-8, Safety of Laser Products - Guide for the Safe Use of Medical Laser Equipment 2/2001, pp 1-115	
/d.m.s./		International Standard IEC 60825.1, Safety of Laser Products - Part 1: Equipment Classification, Requirements and User's Guide,* Edition 1.2, August 2001, p. 11; p. 40, NOTE 2, Sub-note D, p. 52; p. 79	
		Predictor Devices: LightSheer Diode Laser System manufactured by Lumenis, Ltd. no date	

Examiner Signature	/david shay/	Date Considered	June 14, 2005
--------------------	--------------	-----------------	---------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/783,603
		Filing Date	February 19, 2004
		First Named Inventor	Robert E. Grove
		Art Unit	3739
		Examiner Name	David M. Shay
		Attorney Docket Number	2502187-991200
Sheet 6	of 7	(Use as many sheets as necessary)	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Predicate Devices: Quantum Flash Lamp System manufactured by Lumenis, Ltd. no date/ copy	
		Predicate Devices: SoftSlide Excel YAG Laser by Altos, Inc. no date/	
		Predicate Devices: Devices by Ye-Men, Ltd., of Tokyo, Japan. no date/copy	
		Class I Laser Device under the Guidelines of the U.S. Food and Drug Administration Center for Devices and Radiological Health no date/copy	
		Predicate Devices: Oriel Instruments Model 48040, by Spectra-Physics, Stratford, CT no date/copy	
		Predicate Devices: Panasonic part no. P-1703CW, or NHR3003CP NiMH Rechargeables, Panasonic P-1703CRP NiCd, by Panasonic Matsushita Electric Corporation of America, Secaucus, NJ no date/copy	
		Predicate Devices: Laser Diode Bar Packages, part no. ASM06C040W000010000, Cutting Edge Optonics, of St. Charles, MO no date/copy	
		Predicate Devices: Part no. UX8 401 or FAN 401, or GP 0-0 01-00L, from Melcor no date/copy	
		Predicate Devices: PIC 16LC432, manufactured by Microchip Technologies of Chandler, AZ no date/copy	
		Predicate Devices: Transistors IRL3746 (International Rectifier Corp., El Segundo, CA) no date/copy	

Examiner Signature	/david shay/	Date Considered	June 14, 2005
--------------------	--------------	-----------------	---------------

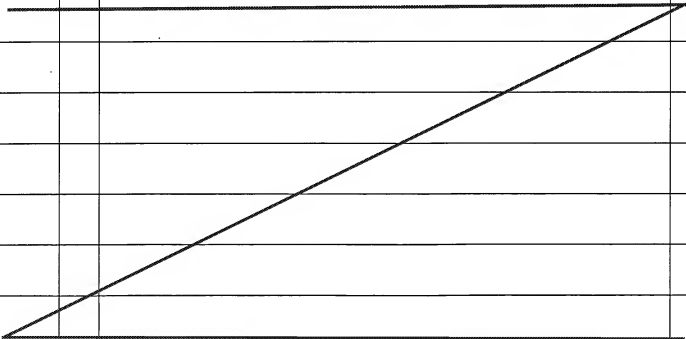
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/783,603
		Filing Date	February 19, 2004
		First Named Inventor	Robert E. Grove
		Art Unit	3739
		Examiner Name	David M. Shay
		Attorney Docket Number	2502187-991200
Sheet 7	of 7	(Use as many sheets as necessary)	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BROWN, EARLE, Modern Optics, Reinhold Publishing Corporation, 1986, p. 225 no date/copy	
/d.m.s./		Micro Touch Trimmer website, www.assenontwork.com/vcc/ideavillage/microtouch/104917 , printed December 4, 2003	
		Palomar Super Long Pulse Diode Laser System, Clinical Data, Palomar medical Technologies brochure. no date/copy	
			

Examiner Signature	/david shay/	Date Considered	June 14, 2005
-----------------------	--------------	--------------------	---------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.